

DROBNIK, Jaroslav; SHIFERT, Jaromir

Inversion of saccharase in soil for certain microbiological tests of soil. Cesk. biol. 4 no.1:30-35 Jan 55.

1. Oddeleni pudni mikrobiologie biologicke fakulty Karlovy university, Praha.  
(CARBOHYDRASES,  
in soil)  
(SOIL,  
carbohydrases)

DROBNIK, J.

Czechoslovakia Microbiology. General Microbiology. F-1

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35516

Author : Drobnik, J.

Title : Variations of the Fermentative Activity in  
the Cultivation of Aerobacter aerogenes

Orig Pub: Univ. carolina. Biol., 1955, 1, No. 1, 75-85

Abstract: In the aging of cells of A.aerogenes the speed  
of the oxidation of glucose and also the pro-  
ducts of its direct decomposition-pyruvic acid  
and lactic acid- is diminished, but the oxidation  
of acetic, citric, succinic and malic acids is  
increased. The author links this with the growth  
variations of the fermenting systems of cells and  
analyzes it as a manifestation of the ontogenetic  
development of the culture.

Card 1/1

DROBNIK, Jaroslav

Reduction of carbohydrates with enzymatic complexes from soil.  
Cesk. biol. 4 no.1:19-29 Jan 55.

1. Oddeleni pudni mikrobiologic biologicke fakulty Karlovy  
university, Praha.

(CARBOHYDRATES,  
reduction with soil enzymes)

(ENZYMES,  
reduction of carbohydrates with soil enzymes)

(SOIL,  
reduction of carbohydrates with soil enzymes)

CZECHOSLOVAKIA/Soil Science. Biology of Soils.

J-2

Abs Jour~~t~~ Ref Zhur-Biol., No 6, 1958, 24718.

Author : Drobnik J.

Inst :

Title : On the Perspectives of Enzyme Methods in the Study  
of the Biology of Soils.

Orig Pub: Sbor. Ceskosl. akad. zemed. ved. Rostl. výroba,  
1956, 29, No 9-10, 905-908.

Abstract: No abstract.

Card : 1/1

DROBNIK, J.

Praktikum z pudni mikrobiologie. Praha, Statni pedagogicke nakl., 1957. 105p.  
(Ucebni texty vysokych skol) (Practical training in soil microbiology; a  
university textbook) DA Not in DLC

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

DROBNIK, J.

"Application of a respirometer in soil microbiology. I. Application of the macrorespirometer. p. 116

P. 116 ((Ceskoslovenska, Mikrobiologie, Vo. 2, no. 2, 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 7, July 1958

COUNTRY : USSR  
COUNTRY : Soil Science. Soil Biology.  
ART. JOUR. : RZhBiol., No. 3 1959, No. 10667  
AUTHOR : Probnik, Ya.  
TITLE : Studies on the Biological Transformations of  
SUBJ. : organic Matter in Soil.  
ORIG. PUB. : Pochtovedeniya, 1957, No. 12, 62-71  
ABSTRACT : Biochemical methods of the study of the transformations  
of organic matter in soils resulting from the activity of  
micro-organisms are discussed. Macrorespirometry, based  
on the calculation of the consumption of O<sub>2</sub> by micro-  
organisms in the process of decomposition and mineraliza-  
tion of organic matter in the soil, is assigned to the  
number of the most promising methods. The author's  
application of Warburg's method on different soils

PAGE: 1/2

18

COUNTRY :  
CATEGORY :  
  
ARS. JOUR. : RZhBiol., No. 3, 1959, No. 10667  
  
AUTHOR :  
INST. :  
TITLE :  
  
ORIG. PUB. :  
  
ABSTRACT : demonstrated the feasibility of the study of physiological activity of soil micro-organisms and their ability for adaptation in regard to different nutrient media. The modern methods of the study of soil fermentants do not secure an explanation of the entire biological activity of soils. -- S. A. Nikitin

CARDS: 2/2

DROBNIK, JAROSLAV.

SCIENCE

Periodical CESKOSLOVENSKA MIKROBIOLOGIE. Vol. 3, no. 1, 1958.

DROBNIK, JAOSLAV. Use of a respirometer in soil microbiology. II. Glucose metabolism in a soil sample. p. 5.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, March, 1959, Uncl.

DROBNIK, J.; KRAMER, M.

Manometric evaluation of the efficiency of phosphate fertilizers according to their effect on soil microflora. *Zolia microbiol.* 5 no.1;59-61 '60.  
(EEAI 9:6)

1. Department of Microbiology, Faculty of Biology, Charles University, Prague (for Drobnič); 2. Research Institute of Soil Science and Agrochemistry, Hungarian Academy of Sciences, Budapest (for Kramer)  
(Phosphates) (Soils) (Fertilizers and manures)

DROBNIK, J.

Primary oxidation of a mixture of two substrates in a soil sample.  
Folia microbiol 7 no.2:126-131 '62.

1. Laboratory of Biophysics, Faculty of Science, Charles University,  
Prague 2.

(SOIL chem)

DROBNIK, J.

The effect of temperature on soil respiration. Folia microbiol 7  
no.2:132-140 '62.

1. Laboratory of Biophysics, Faculty of Science, Charles University,  
Prague 2.

(SOIL chem) (TEMPERATURE)

CZECHOSLOVAKIA

DROBNIK, J., (Affiliation not given.)

"Conference on the Ideology of the Progress of Natural Sciences, at the Faculty of Natural Sciences at Charles University in Prague."

Bratislava, Biologie, Vol. 18, No. 3, 63, pp 240 - 243.

Abstract: The conference was held on 21st March 62, and its purpose was to clarify to the scientists the philosophical problems of biology. The subjects covered included the Marxist conception of evolution, Origin of life on earth, main factors of biological evolution, and Evolution from the point of view of paleontology.  
No references.

1/1

Biophysics

CZECHOSLOVAKIA

DROBNÍK, J.; KLEINWACHTER, V.; Department of Biophysics, Charles University (Odřeléni Biofysiky KU), Prague; Biophysical Institute Czechoslovak Academy of Sciences (Biofyzikalni Ustav CSAV), Brno.

"Polarization of Emissivity Spectra of Purine and of Some of its Derivatives."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, pp 420 - 421

Abstract: Polarization of fluorescence and phosphorescence of purine and of some of its derivatives was determined; excitation was conducted in the area of  $\pi-\pi^*$  transitions, and where possible S and W belts were also excited. Polarization was negative for phosphorescence and positive for fluorescence, S belt in purine was negative. The positive component of the polarization indicates vibration mixing of a triplet state into the lower lying triplet, which is the emitting state. No references. Submitted at the Meeting of Czechoslovak Biophysical Society, Section at the Biological Society of the Czechoslovak Academy of Sciences, 16 Feb 66. [Both authors used to work at the Michigan State Univ. at East Lansing, Michigan.]

DROBNIKOVA, V.

Factors influencing the determination of phosphatases in soil.  
Folia microbiol 6 no.4:260-267 '61.

1. Department of Plant Physiology and Soil Biology, Natural Science  
Faculty, Charles University, Prague 2.

(SOILS) (PHOSPHATASES)

DROBNIKOVA, V.

Use of radioisotopes in the study of soil metabolism.  
Rost výroba 9 no.7/8;859-862 J1-Ag '63.

1. Prirodovedecká fakulta Karlovy univerzity, katedra  
fyziologie rostlin a biologie pudy, Praha.

DROBNIN, V. F.

112-2-3739

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957,  
Nr 2, p. 177 (USSR)

AUTHORS: Tsyss, V. N., Drobnin, V. F., Nikitin, A. I., Savchenko, A. I.

TITLE: An Instrument for Measuring the Electrical Conductivity  
of Fused Salts (Pribor dlya opredeleniya elektrопроводности  
rasplavlenyykh soley)

PERIODICAL: Sb. nauch. tr. Kazakhsk. gorno-metallurg. in-t., 1956,  
Nr 11, pp. 166-170

ABSTRACT: The instrument consists of a Kohlrausch bridge fed by  
an audio-frequency oscillator and a zero-adjustment  
instrument consisting of an amplifier and a visual tuning  
indicator. A micro-screw and a signal device consisting  
of an auxiliary electrode and an indicating lamp ensure  
accurate submersion of the two operating electrodes.  
Circuit diagrams are given and operating procedure is  
described.

N.I.V.

Card 1/1

DEBENIS, A.

The budget and the reorganization of the economy of Soviet Lithuania.  
Fin.SSSR 17 no.2:35-41 F '56. (MIRA 9:6)

1. Ministr finansov Litevskoy SSR.  
(Lithuania--Budget)

DROBNIS, Aleksandras Antanovich; MESHKAUSKAS, Kazimir Antonovich  
[Meškauskas, K.A.]; KAPLUNOV, A.S., red.; ATROSHCHENKO, L.Ye.,  
tekhn.red.

[Twenty years of Soviet Lithuania, 1940-1960] 20 let Sovetskoi  
Litvy, 1940-1960. Moskva, Izd-vo "Znanie," 1960. 31 p. (Vse-  
soiuзnoe obshchestvo po rasprostraneniiu politicheskikh i nauch-  
nykh znanii. Ser.1, Iстория, no.28). (MIRA 13:10)  
(Lithuania—Economic conditions)

DROBNIS, Aleksandras Antonovich; MALIKOVA, L.A., red.; TOKER, A.M.,  
tekhn. red.; DORODNOVA, L.A., tekhn. red.

[The Lithuanian S.S.R.; a story about the seven-year plan] Litov-  
skaia SSR; rasskaz o semiletke. Moskva, Vses. uchebno-pedagog.  
izd-vl Proftekhizdat, 1961. 80 p. (MIRA 14:11)  
(Lithuania—Economic conditions)

DROBNIS, B.

Mass hygienic instruction of rural population. Zdrav. Ros.  
Feder. 7 no.8:24-25 Ag'63. (MIRA 16:10)

1. Glavnnyy vrach Chernovitskogo oblastnogo doma sanitarnogo  
prosvetshcheniya (UkrSSR).  
(BUKOVINA - HEALTH EDUCATION)

DROBNIS, B.Ya. (Chernovtsi)

Result of the work of the council of assistance in improving  
working conditions in an industrial enterprise. Sov.zdrav. 19  
no.2:33-36 '60.  
(MIRA 13:5)

1. Iz Chernovitskogo oblastnogo doma sanitarnogo prosveshcheniya.  
(CHERNOVTSY PROVINCE--INDUSTRIAL HYGIENE)

DROBNIS, IA.

Problemy avtotransporta primenitel'no k razvitiyu Sibkraia. [Problems of automobile transports in relation to the development of Siberia]. (Sovetskaia Azia, 1930, no. 3-4, p. 95-101). DLC: H8.S4 Slav.

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,  
Reference Department, Washington, 1952, Unclassified.

DROBNITSA, A.

CZECHOSLOVAKIA / Chemical Technology. Food Industry. H

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 75680.

Author : Drobnička, Antosh.

Inst : Not given.

Title : The Problems of Studying New Preservations on  
the Basis of Antibiotics of Higher Plants and  
Their Synthetic Derivatives.

Orig Pub: Prumysl potravin, 1956, 7, No 12, 549-552.

Abstract: The bacteriocidal action of certain isothiocyanates is described. The possibility of their application to food products is assumed as being active substances, which form primary amines unlike thiocyanides in the process of hydrolysis at elevated temperatures.

Card 1/1

NIKITIN, I.P., inzh.; GAGAUZ, F.G., inzh.; DROBNITSA, V.F., inzh.;  
DROBNITSA, A.V., inzh.; CHERNETSOV, V.M.

Liberation of gas during the making of upraises. Bezop.  
truda v prom. 8 no.9:20 S '64 (MIRA 18:1)

1. Krivorozhskiy filial Instituta gornogo dela imeni M.M. Fedorova  
(for all except Chernetsov). 2. Rudnik im. K. Libknekhta (for  
Chernetsov).

TESLENKO, V.P.; SHCHEKOTIKHIN, O.V.; DROBNITSA, N.A.

Noise-resistant photorelays. Metallurg 10 no.8:30 Ag '95. (MIRA 18:8)

1. Zaporozhskiy filial Instituta avtomatiki.

NIKITIN, I.P., inzh.; GAGAUZ, F.G., inzh.; DROBNITSA, V.F., inzh.;  
DROBNITSA, A.V., inzh.; CHERNETSOV, V.M.

Liberation of gas during the making of upraises. Bezop.  
truda v prom. 8 no.9:20 S '64 (MIRA 18:1)

1. Krivorozhskiy filial Instituta gornogo dela imeni M.M. Fedorova  
(for all except Chernetsov). 2. Rudnik im. K. Libknekhta (for  
Chernetsov).

DREBNITSA, A.V.; DROBNITSA, V.F.; NIKITIN, I.P.

Movable load hoppers. Shchkt. stroi. 9 no.8127 Ag '65. (MIRA 18:8)

FEDORENKO, P.I., gornyy inzh.; DROBNITSA, V.F., gornyy inzh.; DREBNITSA, A.V., gornyy inzh.; VEKSEL'MAN, V.M.; KASHEL', N.Ya.

Using short-delay blasting to crush rocks in the Dzerzhinskiy and Kirov Mines. Vzryv. delo no.53/10:207- 214 '63.

(MIRA 16:8)

1. Krivorozhskiy filial Instituta gornogo dela AN UkrSSR (for Fedorenko, Drobmitsa, Drebnitsa). 2. Rudnik im. Kirova (for Veksel'man). 3. Rudnik im. Dzerzhinskogo (for Kashel').  
(Krivoy Rog Basin—Blasting)

NIKITIN, I.P., inzh.; DROBNITSA, V.F., inzh.; DREBNITSA, A.V., inzh.;  
POLISHCHUK, L.S., tekhnik

Using ejectors for lowering the dust content of the air  
during the mining of upraise shafts. Shakht. stroi. 8 no.2:31  
(MIRA 17:3)  
F '64.

NIKITIN, I.P., inzh.; DROBNITSA, V.F.; inzh.; DREBNITSA, A.V., inzh.

Using ventilation pipes made of synthetic materials in the  
mining industry. Shakht. stroi. 8 no. 4:29-30 Ap'64  
(MIRA 17:7)

1. Krivorozhskiy filial Instituta gornogo dela imeni M.M.  
Fedorova.

NIKITIN, I.P., inzh.; DROBNITSA, V.F., inzh.; DREBNITSA, A.V., inzh.

Ventilation of stope blocks. Bezop. truda v pram. 7 no.12:24-25  
D '63. (MIRA 18:7)

1. Krivorozhskiy filial Instituta gornogo dela AN UkrSSR.

DREBNITSA, A.V., inzh.; GAGAUZ, F.G., inzh.; DROBNITSA, V.F., inzh.;  
NIKITIN, I.P., inzh.

Reducing dust formation during blasting operations in  
Bulgarian mines. Shakht. stroi. 9 no.9:28-29 S '65.  
(MIRA 18:9)

UNKOVSKIY, A.M., kand.ped.nauk; DROBNITSKAYA, A.P., agronom-ekonomist

Methods of setting agricultural work norms for students.  
Politekh.obuch. no.11:53-59 N '59. (MIRA 13:2)  
(Agriculture--Production standards)

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041121

DROBNJAK, Mirella, isch.

Anticorrosion solid dyes. Pt 1. Kem ind 12 no. 5:354-355 My '63.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041121(

DROBNJAK, Predrag, dr.; BACIC, Milivoj, dr.; MARK, Bruno, dr.

Report of a case of latent genital tuberculosis. Value of a plain roentgenogram of the small pelvis in the diagnosis. Lijec.vjes. 82 no.2:127-132 '60.

1. Iz Ginekološke klinike i Zavoda za radiologiju Medicinskog Fakulteta Sveučilišta u Zagrebu.  
(TUBERCULOSIS FEMALE GENITAL radiogr.)

KOVACIC, Nada, Dr.; DROBNJAK, Predrag, Dr.

Dysgenesis of the gonads: clinical and laboratory considerations on  
8 female patients. Lijec vjes 82 no.6:485-493 '60.

1. Iz Interne i Ginekologske klinike Medicinskog fakulteta Sveucilista  
u Zagrebu  
(HYPOGONADISM case reports)  
(TURNER'S SYNDROME case reports)

GALINOVIC-WEISGLASS, Marija, Dr.; DROBNJAK, Predrag, Dr.

Vaginal presence of fungi. Lijec vjes 82 no.12:961-968 '60.

1. Iz Zavoda za mikrobiologiju i parazitologiju Skole narodnog  
zdravlja "Andrija Stampar" i Klinike za zenske bolesti i porode  
Medicinskog fakulteta Sveucilista u Zagrebu  
(VAGINA microbial)  
(FUNGI)

DROBNJAK, Predrag, dr

Female genital tuberculosis and pregnancy. Med.arh., Sarajevo 15  
no.1:89-98 Ja-F '61.

1. Klinika za zenske bolesti i porode Medicinskog fakulteta Sveucilista  
u Zagrebu (Predstojnik: prof. dr. S.Vidakovic)  
(TUBERCULOSIS FEMALE GENITAL in pregn)  
(PREGNANCY compl)

DROBNIJAK, P.

Diagnostic problems in genital tuberculosis. Lijecn. vjesn.  
85 no.4:441-444 '63.

(HYSTEROSALPINGOGRAPHY)  
(TUBERCULOSIS, FEMALE GENITAL)

S

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041121

DROBNJAKOVIC, A.

Mycoplasmapneumoniae Eaton. Higijena 16 no. 2:97-101 ' 64.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041121C

DROBNJAKOVIC, B.

The Fourth Congress of the International Union of Anthropological and Ethnological Sciences held at Vienna Sept. 1-8, 1952 and preparations for the 5th Congress to be held in 1956 at Philadelphia. p. 957  
(GLASNIK Vol. 2/3 1953/54 (Published 1957)

SO: Monthly List of East European Accessions (EEL) LC Vol. 6, No. 12, Dec. 1957  
Uncl.

DROBNOKHODOV, D.K. (Moskva)

Importance of the diagnosis of optic paroxysms in tumors of the  
brain. Vop. neirokhir. 27 no.5:40-42 S-0 '63. (MIRA 17:5)

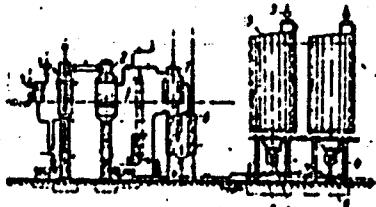
1. Neyrokhirurgicheskoye otdeleniye Moskovskoy klinicheskoy  
ordena Lenina bol'nitsy imeni S.P. Botkina.

J 7028-66

ACC NR: AP5026830	SOURCE CODE: UR/0286/65/000/017/0116/0116
AUTHOR: Lemarin'ye, K. P.; Drobny, B. V.; Chebalak, A. N.; Miroshkin, F. Ya.; Petryanov-Sokolov, I. V.; Basmanov, P. I.; Farber, L. D.; Khalupnaya, L. I.	44 31 44 44 44 44
ORG: none	44
TITLE: An installation for aseptic preservation of liquid and puree-type foodstuffs in large storage tanks. Class 53, No. 174520	
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 116	
TOPIC TAGS: <u>food technology</u> , <u>food product machinery</u> , <u>food sanitation</u>	
ABSTRACT: This Author's Certificate introduces: 1. An installation for aseptic preservation of liquid and puree-consistency food products in large storage tanks. The unit consists of interconnected sterilizer pipelines made according to Author's Certificate No. 168108, a vacuum cooler, hermetically sealed tanks equipped with locking devices made according to Author's Certificate No. 168109, and bacteriological filters. The unit is designed for continuous operation and for preventing admission of any unsterilized product. The unit is equipped with a discharge reservoir and with an intermediate collector connected to the reservoir and to the sterilizer. 2. A modification of this installation in which connections are simplified by using a disconectable pipe between the hermetically sealed tanks and the vacuum cooler, and a portable pump with a flexible hose for unloading the food products from the tanks.	
Card 1/2	UDC: 664.8.03

L 7028-66

ACC NR: AP5026830



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Fig. 1. 1--sterilizer; 2--vacuum cooler; 3--hermetically sealed tanks; 4--locking devices; 5--bacteriological filters; 6--discharge reservoir; 7--intermediate collector; 8--disconnectable pipe; 9--portable pump

SUB CODE: GO,IE,LS/ SUBM DATE: 16Mar64/ ORIG REF: 000/ OTH REF: 000

AC  
Card 2/2

DROBNY, J.

"Properties of die-stamped carbon and alloy steels and steel castings at low and very low temperatures."

p. 194 (Hutnik, Vol. 8, No. 6, June 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (SEAI) LC, Vol. 7, No. 9, September 1958.

DROBNY, Josef, ipz.

Mining of inclined and irregular seams in surface lignite mines.  
Uhli 4 no.1:14-16 Ja '62.

1. Vyzkumny ustav pro hnede uhli, Most.

ROMPORTL, Josef, inz.; DROBNY, Josef, inz.

Problems of belt conveying in lignite opencast mines. Uhli 5  
no.10:349-353 O '63.

1. Sdruzeni Severočeskych hnědouhelných dolů, Most (for Romportl).
2. Výzkumný ustav hnědého uhlí, Most (for Drobny).

DROBNY, Josef, inz.

Typification of belt conveyers in the North Bohemian lignite district. Zpravodaj Ust'uhli Most no. 1/2:8-16 '64.

1. Institute of Lignite Research, Most.

DROBNY, M.; CUNDERLIK, V.

Possibilities of reducing labor stress in psychoprophylactically unprepared deliveries. Bratisl. lek. listy 45 no.7:436-442 15 0 '65.

1. Oddelenie klinickej patofyziolgie pri Katedre experimentalnej patologie Lek. fak. Univerzity Komenskeho v Bratislave (veduci katedry doc. MUDr. E. Barta, CSc.) a UNZ-porodnica v Sturove (byv. veduci doc. MUDr. V. Cunderlik, CSc.).

DROBNY, M., Bratislava, Sasinkova 4; CUNDERLIK, V.; HOLOP, V.

Studies on the realtionship between endometrial biopsy and vaginal cytology in functional bleeding in women. Cesk. gynek. 30 no.8:596-599 0 '65.

1. Odd. klin. patofyziol. katedry exper. patol. a farmakol. Lekarske fakulty Univerzity Komenskeho v Bratislave (veduci doc. dr. E. Barta, CSc.) a Porodnica v Sturove (veduci doc. dr. V. Cunderlik, CSc.). Submitted April 4, 1963.

CUNDERLIK, Vendelin; RAPOS, Milan; DROBNY, Martin

Histochemical localization of corticoids in the adrenal glands  
in rabbits by staining with FCS. Biologia 18 no.5:400-402 '63.

1. Oddelenie experimentalnej cytologie Ustavu Experimentalnej  
mediciny Slovenskej akademie vied v Bratislave a Gynekologicko-  
porodnicke oddelenie Okresneho ustavu narodneho zdravia v  
Novych Zamekoch.

(ADRENAL CORTEX HORMONES) (ADRENAL GLANDS)

HUDCOVIC, A.; TOLDY, M.; POCIALEK, A.; DROBNY, M.

Further experiences with the prevention and therapy of venous complications in the puerperium. Cesk. gyn. 28 no.4:235-241 My '63.

l. II gyn.-por. klin. Lek. fak. UK v Bratislave, prednosta doc. dr. A. Hudcovic.

(PUERPERAL DISORDERS) (VASCULAR DISEASES)  
(VEINS) (VITAMIN E) (CALCIUM)

DROBNY, Miroslav, inz.

Establishing conditions for creative activities. Tech praca  
16 no. 6:463-464 Je '64.

1. Gumarne l. maja National Enterprise, Puchov.

DROBNY, Miroslav, inz.

Cooperation between the schools and enterprises. Tech praca  
16 no.11:906-907 N '64.

1. Gumarne l. maja National Enterprise, Puchov.

DROBNY, M.; CUNDERLIK, V.; DROBNA, L.

Values of progesterone fractions in the peripheral blood of women with dysfunctional hemorrhage. Bratisl. lek. listy 45 no.11:665-670 15 D '65.

1. Oddelenie klinickej patofyziologie pri Katedre experimentalnej patologie Lek. fak. Univerzity Komenskeho v Bratislave (veduci Katedry doc. MUDr. E. Barta, CSc.), Ustav narodniho zdravi -- Porodnica v Strove (byv. veduci doc. MUDr. V. Cunderlik, CSc.) a I. zenska a porodnicka klinika Lek. fak. Univerzity Komenskeho v Bratislave (veduci prof. MUDr. S. Stefanik).

BIRCAK, J.; NIKS, M.; HUDAHOVA, G.; RIECANSKY, I.; DROBNY, M.

Relation of the heart volume to physical working capacity in healthy puberal children. Bratisl. lek. listy 45 no.12:727-738 31 D '65.

1. Katedra pediatrie I Lekarske fakulty Univerzity Komenskeho v Bratislave (veduca prof. MUDr. I. Jakubcova), Oddelenie klinickej patofyziologie pri katedre experimentalnej patologickej Lekarske fakulty Univerzity Komenskeho v Bratislave (veduci katedry doc. MUDr. E. Barta, CSc.) a Ustav zdravotnickej statistiky v Bratislave (veduci prom. ekonom S. Estok).

38206. DROBNY, V. V.

Lesorazvedeniye v kolkhoze "Udarnik 2-y pyatiletki". (Chkal.  
rayon Chkal. obl.) Les i step', 1949, No 8, s. 54-56

DROHNY, Yu.V., inzh.

Flow-line production of mineral-wool hulls by the method of rolling.  
Mont.i spets.rab.v stroi. 22 no.6:26-27 Je '60. (MIRA 13:7)

1. Starikovskaya fabrika izoplit.  
(Mineral wool)

DROBOT, A., mladshiy serzhant sverkhsrochnoy sluzhby

Prognosis was confirmed. Starsh.-serzh. no.10:25 0 '61.  
(MIRA 15:2)  
(Meteorology in aeronautics)

BUD'KO, A.V.; BOGDANOV, G.I.; LEVITSKIY, D.Z.; DROBOT, A.S.; YAKOVENKO, K.F.;  
MARCHENKO, A.A.; MATVEYEV, I.K.; LEONOV, B.A.; BABENKO, V.T.

Pillar recovery in the Krivoy Rog Basin. Gor. zhur. no. 5:22-24  
My '65.

(MIRA 18:5)

1. Institut gornogo dela im. A.A. Skochinskogo, Moskva (for Bud'ko,  
Bogdanov). 2. Trest Leninruda (for Levitskiy). 3. Rudnik imeni  
R. Lyuksemburg (for all except Bud'ko, Bogdanov, Levitskiy).

DROBOT, A.T., tekhnik (Vol'novorsk, Dnepropetrovskoy oblasti); RYBALKIN, P.A., inzh. (Vol'novorsk, Dnepropetrovskoy oblasti); SINYAEVSKIY, A.A., inzh. (Vol'novorsk, Dnepropetrovskoy oblasti).

Washing the convective heating surfaces of boilers with an alkali solution. Energetik 13 no.8:8-9 Ag '65. (MIRA 18:9)

LUGOVSKIY, S.I., prof., doktor tekhn. nauk; DROBOT, R.Ya., gornyy  
inzh.; NEMCHENKO, A.A., gornyy inzh.; DUBENYUK, V.M., gornyy inzh.

Binding dust which has settled in open pits. Sbor. nauch. trud.  
KGRI no.13:70-74 '62. (MIRA 16:8)

(Mine dusts)

DUBENYUK, V.M., gornyy inzh.; TKACHENKO, A.P., gornyy inzh.;  
DROBOT, B.Ia., gornyy inzh.; MEMCHENKO, A.A., gornyy inzh.;  
MURZOV, Ye.G., gornyy inzh.

Effect of large-scale blasting on the atmospheric conditions  
in open pits. Sbor. nauch. trud. KGR no.13:74-76 '62.  
(MIRA 16:8)

(Krivoy Rog Basin—Blasting)

DROBOT, B.Ya., gornyy inzh.; DUBENYUK, V.M., gornyy inzh.;  
MOROZOV, Ye.G., gornyy inzh.; NEMCHENKO, A.A., gornyy inzh.

Gas content in the atmosphere of strip mines after large-scale blasting. Sbor. nauch. trud. KGRI no.15:89-93 '63.

(MIRA 17:8)

DROBOT, B.Ya., gornyy inzh.; MOROZOV, Ye.G., gornyy inzh.;  
DUBENYUK, V.M., gornyy inzh.

Prognosis of the condition of strip mine atmosphere. Sbor.  
nauch. trud. KGRI no.15:93-105 '63. (MIRA 17:8)

LUGOVSKIY, Sergey Ivanovich; DYMCHUK, Gennadiy Konstantinovich;  
DROBOT, Boris Yakovlevich; AVRAMCHUK, Rostislav Nikiforovich.  
Prinimali uchastiye: MAR'YENKOV, V.V.; BAKIROV, U.Kh.;  
NIKITIN, V.S., kand. tekhn. nauk, retsenzent; STEBAKOV, B.A.,  
gorn. inzh., otv. red.

[Ventilation of mines and strip mines] Ventiliatsiya shakht i  
kar'erov. [By] S.I.Lugovskii i dr. Moskva, Izd-vo "Nedra,"  
1964. 306 p.  
(MIRA 17:5)

PASHINKIN, A.S.; DROBOT, D.V.; SHEVTSOVA, Z.N.; KORSHUNOV, B.G.

Determination of vapor pressure of anhydrous solid chlorides  
of yttrium and samarium. Zhur.neorg.khim. 7 no.12:2811-2813  
D '62. (MIRA 16:2)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni  
Lomonosova i Moskovskiy gosudarstvennyy universitet imeni  
Lomonosova.

(Yttrium chloride) (Samarium chloride) (Vapor pressure)

KORSHUNOV, B.G.; DROBOT, D.V.; BUKHTIYAROV, V.V.; SHEVTSOVA, Z.N.

Interaction of samarium (III)chloride with the chlorides of  
sodium, potassium, rubidium, and cesium. Zhur. neorg. khim.  
9 no.6:1427-1430 Je '63 (MIRA 1788)

1. Moskovskiy institut tankoy khimicheskoy tekhnologii imeni  
Lomonosova.

ACCESSION NR: AP4009357

S/0078/64/009/001/0222/0223

AUTHORS: Korshunov, B. G.; Drobot, D. V.

TITLE: Fusibility curves for the  $\text{YCl}_3$ -NaCl and  $\text{YCl}_3$ -KCl systems.

SOURCE: Zhurnal neorganicheskoy khimii, v. 9, no. 1, 1964, 222-223

TOPIC TAGS: yttrium chloride containing system, yttrium chloride-sodium chloride, yttrium chloride-potassium chloride, rare earth recovery, fusibility curve, sodium, yttrium chlorine<sub>6</sub>,  $\text{Na}_3\text{YCl}_6$ ,  $\text{KY}_3\text{Cl}_{10}$ ,  $\text{K}_3\text{YCl}_6$ , polymorphic transition, eutectics

ABSTRACT: The subject systems were studied for the first time to explain the nature of the reaction of the components on crystallizing from melts obtained by treating rare earth raw materials with chlorides. Atmospheric moisture was excluded from the systems. From the fusibility curves it is seen that in the  $\text{YCl}_3$ -NaCl system one chemical compound  $\text{Na}_3\text{YCl}_6$  is formed (this forms a eutectic with  $\text{YCl}_3$ , melting 360°). In the KCl system, two compounds are formed:  $\text{KY}_3\text{Cl}_{10}$ , and  $\text{K}_3\text{YCl}_6$ . The latter undergoes polymorphic transition at 340°; forms eutectic with KCl melting at 675°, and a

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ACCESSION NR : AP4009357

eutectic with  $KY_3Cl_{10}$  melting at  $430^{\circ}$ . Orig. art. has: 2 Tables  
and 2 Figures.

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii  
im. M. V. Lomonosova (Moscow Institute of Fine Chemical  
Technology)

SUBMITTED: 18Apr63

DATE ACQ: 07Feb64

ENCL: 01

SUB CODE: CH, PH

NR REF Sov: 000

OTHER: 001

2/2

Card

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in Mexico, including Mexico, Mexico, where the [redacted] were investi-

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$\text{Mg}^{2+}$  |  $\text{K}^+$  +  $4\text{Na}^+$ ,  $\text{Cl}^-$  |  $[\text{Mg}^{2+}]_{\text{aq}}$  |  $\text{pH} = 10.0$  |  $\text{E} = 0.00$  |  $\text{t} = 25^\circ\text{C}$

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APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041121C

KORSHUNOV, B.G.; DROBOT, D.V.; DURININA, L.V.

Interaction of lanthanum chloride with samarium (III) and yttrium chlorides. Zhur. neorg. khim. 10 no.9:2120-2123 S '65. (MIRA 18:10)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni Lomonosova.

KORSHUNOV, B.G.; DROBOT, D.V.; PETROV, K.I.; BUKHTIYAROV, V.V.; RUBTSOV, M.V.

System SmCl<sub>3</sub> - NaCl - KCl. Zhur. neorg. khim. 10 no.7:  
1675-1680 Jl '65. (MIRA 18:8)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni  
M.V. Lomonosova,

DROBOT, D.V.; ANIKINA, G.P.; DURININA, L.V.; KORSHUNOV, B.G.

Phase diagram of the system  $\text{YCl}_3 - \text{CaCl}$ . Zhur. neorg. khim.  
10 no. 2: 562-564 F '65. (MIRA 18:11)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni  
Lomonosova. Submitted April 16, 1964.

L 10440-66 EWT(m)/EWP(t)/EWP(h) LIP(c) JD/JG  
ACC NR: AP6000289 SOURCE CODE: UR/0078/65/010/009/2120/2123

AUTHOR: Korshunov, B. G.; Drobot, D. V.; Durinina, L. V.

ORG: Moscow Institute of Fine Chemical Technology im. M. V. Lomonosov (Moskovskiy  
institut tonkoy khimicheskoy tekhnologii)

TITLE: Reaction of lanthanum chloride with samarium (III) chloride and yttrium chloride

SOURCE: Zhurnal neorganicheskoy khimii, v. 10, no. 9, 1965, 2120-2123

TOPIC TAGS: lanthanum compound, samarium compound, yttrium compound, thermal analysis, solid solution, crystal structure, chloride

ABSTRACT: Thermal analysis was used to study the interaction in the  $\text{LaCl}_3$ - $\text{SmCl}_3$  and  $\text{LaCl}_3$ - $\text{YCl}_3$  systems. In the  $\text{LaCl}_3$ - $\text{SmCl}_3$  system, the components form a continuous series of solid solutions (Rozeboom type II). The maximum on the liquidus curve corresponds to a content of 88 mole %  $\text{LaCl}_3$  and a temperature of 860°C. The  $\text{LaCl}_3$ - $\text{YCl}_3$  system is of eutectic type. The eutectic point corresponds to 25 mole %  $\text{LaCl}_3$  and 650°C. It is shown that the solidus line of the  $\text{LaCl}_3$ - $\text{SmCl}_3$  system can be obtained by calculation. The points of the calculated and experimental maxima are in satisfactory mutual agreement. The eutectic system  $\text{LaCl}_3$ - $\text{YCl}_3$  was

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UDC: 541.123+546.654'131+546.659'131+546.641'131

L 10440-66

ACC NR: AP6000289

calculated, and the experimental and calculated curves also coincided satisfactorily. The factor determining the difference in the types of fusibility diagrams of the  $\text{LaCl}_3\text{-SmCl}_3$  and  $\text{LaCl}_3\text{-YCl}$  systems appears to be the crystal structure of the initial rare earth trichlorides.  
Orig. art. has: 2 figures, 3 tables, and 2 formulas.

SUB CODE: 07 / SUBM DATE: 08Oct64 / ORIG REF: 002 / OTH REF: 008

PC  
Card 2/2

DROBOT, D.V.; KORSHUNOV, B.G.; DURININA, L.V.

Equilibrium of reactions between lanthanum and praseodymium  
chlorides and oxygen... Izv. AN SSSR. Neorg. mat. 1 no.12;  
2189-2196 D '65. (MIRA 18:12)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii im.  
M.V. Lomonosova. Submitted June 7, 1965.

KORSHUNOV, B.G.; DROBOT, D.V.; SHEVTSOVA, Z.N.

System  $\text{YCl}_3 - \text{NaCl} - \text{KCl}$ . Zhur.neorg.khim. 10 no.8:1901-1905  
Ag '65. (MIRA 1961)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni  
M.V.Lomonosova. Submitted July 1, 1963.

L42158-66 EWP(1)/EWP(m)/EWP(t)/STI IJP(c) RM WW/JD/JG/GD  
ACC NR: AT6022479 (A)

SOURCE CODE: UR/0000/65/000/000/0048/0054

AUTHOR: Drobet, D. V.; Korshunov, B. G.; Shevtsova, Z. M.

ORG: Moscow Institute of Fine Chemical Technology im. N. V. Lomonosov (Moskovskiy institut tankoy khimicheskoj tekhnologii)

TITLE: Some aspects of complex formation in melts containing rare earth metal chlorides

SOURCE: Vsesoyuznoye soveshchaniye po fizicheskoy khimi rasplavleniykh solyey, 24-26 Kiev, 1963. Fizicheskaya khimiya rasplavleniykh solyey (Physical chemistry of fused salts); trudy soveshchaniya. Moscow, Izd-vo Metallurgiya, 1965, 46-55.

TOPIC TAGS: rare earth element, alkali halide, chloride, phase diagram, point, alkali metal

ABSTRACT: An attempt was made to identify the relationships underlying the melting point diagrams of binary systems formed by rare earth and alkali metal chlorides in relation to the decrease in ionic radius (from lanthanum to lutetium) and to the change in ionic radius in the series of alkali metals. The following binary systems were investigated:  $\text{LaCl}_3\text{-NaCl}$ ,  $\text{LaCl}_3\text{-KCl}$ ,  $\text{SmCl}_3\text{-NaCl}$ ,  $\text{SmCl}_3\text{-KCl}$ ,  $\text{CeCl}_3\text{-NaCl}$ ,  $\text{CeCl}_3\text{-KCl}$ ,  $\text{YCl}_3\text{-NaCl}$ ,  $\text{GdCl}_3\text{-NaCl}$ ,  $\text{GdCl}_3\text{-KCl}$ ,  $\text{DyCl}_3\text{-NaCl}$ ,  $\text{DyCl}_3\text{-KCl}$ ,  $\text{ErCl}_3\text{-NaCl}$ , and  $\text{LuCl}_3\text{-KCl}$ . It was found that the decrease in the ionic radius of the rare earth element does not affect complex formation monotonically in the interaction with alkali metal chlorides.

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L 42158-66

ACC NR: AT6022479

The existence of a "dysprosium corner," where the interaction of the components is most strongly manifested, is postulated: - When the ionic radius of the rare earth element remains constant, the stability of the compounds  $M_2M_2Cl_6$  and  $M_2SmCl_6$  (where  $M_2 = K, Rb, Cs$ ) increases regularly, while the stability of the compounds  $Me_2SmCl_6$  decreases with a gradual degeneracy. A study of the ternary systems  $SmCl_3$ ,  $KCl-NaCl$  and  $YCl_3-KCl-NaCl$  showed the presence of interaction in these systems, in which the ternary compound  $KNa_2B_2Cl_{10}$  was identified. The existence of this compound also indicates that the extent of complex formation depends on the ionic radius of the rare earth element. The liquidus lines were calculated for all the systems, and this led to the hypothesis that complex ions of the composition  $(RCl_6)^{4-}$  are present in the melts. Orig. art. has: 10 figures and 2 tables.

SUB CODE: 07/ SUBM DATE: 23Aug65/ ORIG REF: 007/ OTH REF: 007

L 00662-67 EWT(m)/EWT(t)/ETI IJP(c) WH/JD/JG  
ACC NR: AP6019050 (A) SOURCE CODE: UR/0078/66/011/002/011/0114

AUTHOR: Korshunov, B. G.; Drobot, D. V.; Galchenko, I. Yo.; Shevtsova, Z. N.

ORG: Moscow Institute of Fine Chemical Technology im. M. V. Lomonosov (Moskovskiy  
institut tonkoy khimicheskoy tekhnologii)

TITLE: Interaction of fused holmium and erbium chlorides with fused potassium  
chloride

SOURCE: Zhurnal neorganicheskoy khimii, v. 11, no. 2, 1966, 411-414

TOPIC TAGS: thermal analysis, holmium compound, erbium compound, potassium chloride

ABSTRACT: A thermal analysis has been conducted of the  $\text{HoCl}_3\text{-KCl}$  and  $\text{ErCl}_3\text{-KCl}$  systems, which had not been investigated before. The chemical analysis of chlorides used was 61.14% Ho+39.19% Cl for  $\text{HoCl}_3$ , and 60.95% Er+39.12% Cl for  $\text{ErCl}_3$ , against calculated values of 60.85% Ho+39.15% Cl and 61.03% Er+38.97% Cl, respectively. The time-temperature curves were recorded with the aid of a Kurnakov pyrometer. The salts were fused in quartz-glass Stepanov vessels. The liquidus curves of the systems were calculated as proposed by P. Ehrlich, G. Kaupa, and K. Blankenstein (Z. anorg. allgen. Chem., 299, 213, 1959), and R. V. Chernov (Ukr. khim. zhurn. 27, 34, 1961). The results of the thermal analysis are given in Tables 1 and 2, and Figures 1 a and b. Compounds which were formed in the given systems were identified by X-ray phase analysis in a

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UDC: 546.665/.666'131-386

L 08662-67

ACC NR: AP6019050

Mole% HoCl <sub>3</sub>	Liqui- dus, C	Primary phase	Temperature, C				Polymorphous transformation of K <sub>3</sub> HoCl <sub>6</sub>
			Eutectic HoCl <sub>3</sub> + K <sub>2</sub> HoCl <sub>7</sub>	Eutectic HoCl <sub>3</sub> + K <sub>3</sub> HoCl <sub>6</sub>	Eutectic K <sub>2</sub> HoCl <sub>6</sub> + KCl		
100,0	718	HoCl <sub>3</sub>	560	—	—	—	—
95,0	697	HoCl <sub>3</sub>	555	—	—	—	—
90,0	667	HoCl <sub>3</sub>	552	—	—	—	—
85,0	636	HoCl <sub>3</sub>	560	—	—	—	—
80,0	560	HoCl <sub>3</sub> + K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub>	560	—	—	—	—
75,0	567	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub>	560	—	—	—	—
70,0	575	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub>	560	—	—	—	—
66,66	587	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub>	—	—	—	—	—
65,0	569	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub>	—	454	—	—	395
60,0	550	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub>	—	454	—	—	397
55,0	526	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub>	—	455	—	—	403
50,0	—	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub>	—	453	—	—	395
45,0	454	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub> + K <sub>3</sub> HoCl <sub>6</sub>	—	460	—	—	395
40,0	628	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub> + K <sub>3</sub> HoCl <sub>6</sub>	—	454	—	—	400
35,0	740	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub> + K <sub>3</sub> HoCl <sub>6</sub>	—	457	—	—	403
33,33	760	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub> + K <sub>3</sub> HoCl <sub>6</sub>	—	453	—	—	400
30,0	800	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub> + K <sub>3</sub> HoCl <sub>6</sub>	—	456	—	—	400
25,0	816	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub> + K <sub>3</sub> HoCl <sub>6</sub>	—	—	662	—	404
20,0	794	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub> + K <sub>3</sub> HoCl <sub>6</sub>	—	—	664	—	398
15,0	725	K <sub>1</sub> Ho <sub>2</sub> Cl <sub>7</sub> + K <sub>3</sub> HoCl <sub>6</sub>	—	—	664	—	400
10,0	664	K <sub>3</sub> HoCl <sub>6</sub> + KCl	—	—	660	—	400
5,0	760	KCl	—	—	—	—	—

Table 1. Results of the thermal analysis of the HoCl<sub>3</sub>-KCl system

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J. 08662-67

Mol%	Liquidus, C	Primary phase	Temperatura, C			
			Peritectic	Eutectic K <sub>Er<sub>3</sub></sub> Cl <sub>10</sub>	Eutectic K <sub>2</sub> ErCl <sub>6</sub> + transformation KCl	Polymorphous of K <sub>2</sub> ErCl <sub>6</sub>
100.0	764	ErCl <sub>3</sub>	—	—	—	—
95.0	702	ErCl <sub>3</sub>	—	—	—	—
90.0	690	ErCl <sub>3</sub>	480	—	—	—
85.0	617	ErCl <sub>3</sub>	492	—	—	—
80.0	621	ErCl <sub>3</sub>	490	—	—	—
75.0	575	ErCl <sub>3</sub>	486	—	—	—
70.0	530	ErCl <sub>3</sub>	490	416	—	—
66.66	514	ErCl <sub>3</sub>	—	416	—	—
65.0	490	K <sub>Er<sub>3</sub></sub> Cl <sub>10</sub>	—	414	—	—
60.0	485	K <sub>Er<sub>3</sub></sub> Cl <sub>10</sub>	—	416	—	—
55.0	472	K <sub>Er<sub>3</sub></sub> Cl <sub>10</sub>	—	416	—	—
50.0	416	K <sub>Er<sub>3</sub></sub> Cl <sub>10</sub> + K <sub>2</sub> ErCl <sub>6</sub>	—	416	—	—
45.0	—	K <sub>2</sub> ErCl <sub>6</sub>	—	416	—	340
40.0	606	K <sub>2</sub> ErCl <sub>6</sub>	—	416	—	340
35.0	717	K <sub>2</sub> ErCl <sub>6</sub>	—	416	—	340
33.33	743	K <sub>2</sub> ErCl <sub>6</sub>	—	416	—	340
30.0	762	K <sub>2</sub> ErCl <sub>6</sub>	—	416	—	343
25.0	780	K <sub>2</sub> ErCl <sub>6</sub>	—	—	—	343
20.0	740	K <sub>2</sub> ErCl <sub>6</sub>	—	—	642	337
15.0	642	K <sub>2</sub> ErCl <sub>6</sub> + KCl	—	—	642	340
10.0	683	KCl	—	—	640	—
5.0	728	KCl	—	—	642	—
0.0	774	KCl	—	—	—	—

Table 2. Results of the thermal analysis of ErCl<sub>3</sub>-KCl system

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L 08662-67

ACC NR: AP6019050

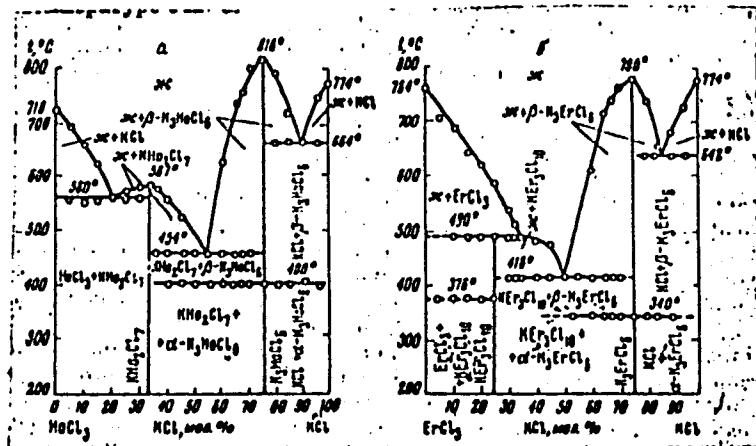


Figure 1. Phase diagrams a =  $\text{HoCl}_3$ ; b =  $\text{ErCl}_3\text{-KCl}$

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L 0002-67

ACC NR: AP6019050

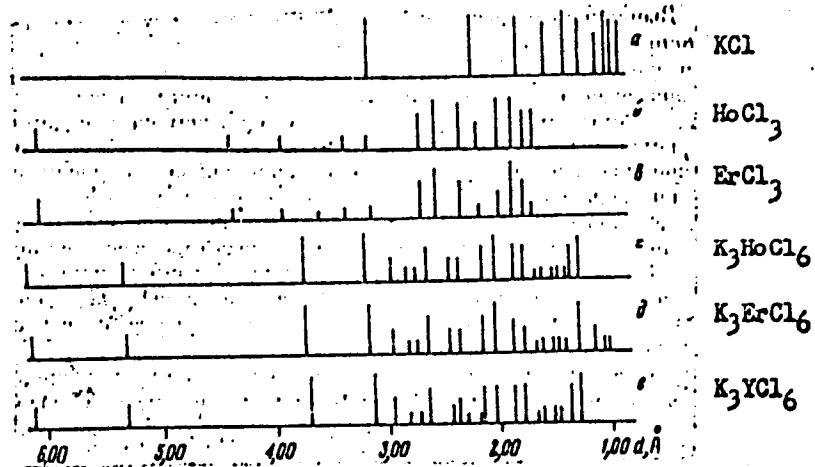


Figure 2. Roentgenogram of  $K_3RCl_6$  compounds and their chlorides

Card 5/6

L 08662-67

ACC NR: AP6019050

Table 3: Relative densities of compounds  
in  $\text{RCl}_3\text{-KCl}$  systems ( $\text{R} = \text{Ho, Er}$ )

System	Compound	Color	$d_{40}^{25}$
$\text{HoCl}_3\text{-KCl}$	$\text{KHo}_2\text{Cl}_7$	light yellow	3.614
	$\text{K}_3\text{HoCl}_6$	white with yellow hue	2.749
$\text{ErCl}_3\text{-KCl}$	$\text{KEr}_2\text{Cl}_{10}$	reddish-violet	3.677
	$\text{K}_3\text{ErCl}_6$	reddish-violet	2.768

R.K.D. 57.3-mm diameter camera with nickel filter and copper radiation. The results of the analysis confirmed the formation of new phases in the  $\text{RCl}_3\text{-KCl}$  systems ( $\text{R} = \text{Ho, Er}$ ). Roentgenograms for  $\text{K}_3\text{RCl}_6$  ( $\text{R} = \text{Ho, Er, Y}$ ) compounds in Figure 2 give evidence of their isomorphism. The authors attribute the isostructural properties of these compounds to the isomorphism of the original chlorides and yttrium. The effects observed in the  $\text{ErCl}_3\text{-KCl}$  system at 37°C could not be explained. Densities of all low-temperature modifications (Table 3) were determined using  $\text{CCl}_4$  with  $d_{40}^{25} = 1.5828 \text{ g/cm}^3$ . Orig. art. has: 2 fig. and 4 tables.

SUB CODE: 07/ SUBM DATE: 05Feb65/ ORIG REF: 004/ OTH REF: 002

Card 6/6 n/a

DROBOT, G.

"Moscow shows the way."

So. Radio, Vol. 11, p. 37, 1952

DROBOT, G.

Radio - Receivers and Reception

Valuable design. (Combined motion picture and radio installation at the collective farm club. ) Radio. No. 4, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

1. DROBOT, G.
2. USSR (600)
4. Television Broadcasting
7. Moscow is showing. Radio no. 11, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

DROBOT, G.

Radio at Moscow University. Radio no.11:11-12 N '53. (MLRA 6:11)  
(Moscow University) (Radio in education)

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041121

DROBOT, G.

The road of a Russian woman. Radio no. 3:3-4 Mr '54. (MLRA 7:3)  
(Radio as a profession)

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DROBOT, G.

A talented short wave radio operator. Radio no.9:10-11 S '54.  
(Dobrozhanskii, Vladimir Leonidovich) (MLRA 7:9)

USSR/Miscellaneous - Radio operators

Card 1/1 Pub. 89 - 3/40

Authors : Drobot, G.

Title : Miss Monika Kivlenieks - a radio operator

Periodical : Radio 10, page 5, Oct 1954

Abstract : This is a short propaganda story about the success of a young Latvian girl, who began studying radio as an amateur and became a highly qualified radio operator.

Institution: .....

Submitted: .....

UKO 501,

USSR/ Electronics - Medicine

Card 1/1 Pub. 89 - 7/24

Authors : Drobot, G.

Title : Heart surgery

Periodical : Radio 5, page 13, May 1955

Abstract : The design of a highly sensitive (up to a fraction of a second), accurate portable electronic device VEKS-1 presently used mostly for recording heart pulsations during complex heart operations is announced. The advantages of the VEKS (Vectorelectrocardioscope) over the conventional electro-cardiograph are described. Illustration.

Institution : .....

Submitted : .....

DROBOT, G.

107-12-4/46

AUTHOR: Drobot, G. (Riga)

TITLE: Creations of the Youth (Tvorchestvo molodykh)

PERIODICAL: Radio, 1956, Nr12, pp. 3-4 (USSR)

ABSTRACT: A description of some new radio receiving equipment and parts being developed at the "VEF" plant in Riga. The radio-phonograph combination "Lyuks" was developed by a group of design engineers including Alekseyev, Grinblat, Lame, Mikhel'son (she), Babovich and others under the direction of a "young engineer communist Yuriy Mazor". Another radio-phonograph combination "Kontsert" was developed by the engineers Vladiy Ponimanskiy, Khugdi Berzinsh, and others under the direction of Robert Fridrikhson. The radio receiver "Turist" was developed by a group under the direction of engineer Al'bert Brach. Participation of younger engineers in the development work is encouraged.

AVAILABLE: Library of Congress

Card 1/1